

May 9, 1997

Dear Sir or Madam:

This notice is to inform you of three consumer products meetings scheduled for May 20 and 21, 1997, in Sacramento, California. The agenda for the meetings is enclosed.

The consumer products events will begin on May 20, 1997, with the fifth Consumer Products Working Group (CPWG) meeting. At the meeting, staff from the Air Resources Board (ARB) and the Department of Pesticide Regulation (DPR) will bring you up to date on the status of the consumer products regulatory and implementation activities.

On the afternoon of May 20, 1997, the ARB staff will hold the Perchloroethylene (Perc) Needs Assessment for Automotive Consumer Products Workshop (Workshop). At the Workshop, we will discuss the preliminary findings of the ARB staff (including the results of the survey that was sent to the manufacturers of Perc-containing automotive consumer products), our estimates of Perc emissions, and the potential risk from use of these products at automotive repair facilities. We will also discuss the contents of the preliminary draft staff report that will be presented at the June 26, 1997, Board Hearing. If you have any questions about this Workshop, please call Mr. Mark Williams, Emissions Evaluation Section, at (916) 327-5622.

On May 21, 1997, we will hold the seventh Mid-term Measures Workshop (Workshop). At the Workshop, we will discuss our revised volatile organic compound limits and our cost analysis. In addition, a representative from the Technical Support Division will give a presentation on their efforts to update the consumer products inventory. Enclosed is a revised summary table with the proposed standards for the Mid-term Measures. We will also be providing you information on our cost analysis and chapters from our draft staff report that discuss the basis for each proposed standard. This information will be sent to you under separate cover prior to the Workshop. A large portion of the Workshop will be devoted to an open discussion of any concerns you may have about our proposal. If you have any questions regarding the Workshop, please contact Ms. Barbara Fry, Manager, Measures Development Section, at (916) 322-8267.

We hope you will be able to join us for the meetings. You do not need to confirm your attendance at the meetings. However, if you have any questions about this announcement please call Ms. Genevieve A. Shiroma, Chief, Air Quality Measures Branch, at (916) 322-7072.

Sincerely,

Donald J. Ames, Assistant Chief
Stationary Source Division

Enclosures

cc: Genevieve A. Shiroma
Chief, Air Quality Measures Branch
Stationary Source Division

Ms. Barbara Fry
Manager, Measures Development Section
Stationary Source Division

Mr. Mark Williams
Emissions Evaluation Section
Stationary Source Division

Proposed Agenda

Consumer Products Working Group

Sacramento Convention Center
1400 J Street, Room 311
Sacramento, California

May 20 and 21, 1997

First Day:

- | | |
|-------|---|
| 10:30 | Introductions (ARB, Stationary Source Division) |
| 10:45 | Update on Consumer Products Related Activities |
| | <ul style="list-style-type: none">• Status of State Implementation Plan (ARB, Office of Air Quality and Transportation Planning)• Update on the Pesticide Element of the State Implementation Plan (Department of Pesticide Regulation)• Research Contracts/Reactivity Committees (ARB, Research Division)• Reactivity Subgroup (ARB, Stationary Source Division)• Low Vapor Pressure Method Development Status (ARB, Monitoring and Laboratory Division) |
| 12:00 | Lunch Break |
| 1:30 | Public Workshop to Discuss the Perchloroethylene Needs Assessment for Automotive Consumer Products (ARB, Stationary Source Division) |
| 4:30 | Adjourn |

Proposed Agenda (continued)

Consumer Products Mid-term Measures Workshop

May 21, 1997

Second Day:

8:00	Introduction (ARB, Stationary Source Division)
8:05	Presentation on Revised VOC Limits and Cost Analysis
8:30	Presentation on Updates to the Consumer Products Inventory (ARB, Technical Support Division)
9:00	Discussion of Revised VOC Limits and Cost Analysis
10:30	Break
10:45	Continue Discussion of Revised VOC Limits and Cost Analysis
12:00	Lunch Break
1:30	Open Discussion of Comments on All Categories
3:30	Break
3:45	Continue Discussion of Comments on All Categories
5:00	Adjourn

NOTE: For more background information, please download our draft cost analysis results and draft staff report that discusses the technical basis for each proposed standard. These files are located in our Mid-Term Measures area of the Consumer Products webpage.

DRAFT - FOR DISCUSSION ONLY

May 7, 1997 - Draft VOC Limits

Accounting for Minimum Dilution Ratios

Product Category Name	Reported in ARB 1994/1995 Mid-term Measures Survey										Adjusted for Market Coverage
	Effective Date	Range of VOC Content	Sales Weighted Average VOC%	Draft VOC Limit (% by weight)	Complying Marketshare (1) (%)	Complying Marketshare (1) (No TAC's)(%)	# Complying Products/ Total # of Products	Complying Products (%)	Emission Reductions (%)	Emission Reductions / Total Emissions (tons/day)	Emission Reductions / Total Emissions (tons/day)
Automotive Rubbing or Polishing Compound (all forms)	2002	0-55%	19%	15%	18%	18%	16 / 63	25%	32 %	0.23 / 0.71	0.33 / 1.01
Automotive Wax, Polish, Sealant or Glaze (all other forms) (3)	2005	0-95%	21%	15%	39%	39%	42 / 146	29%	35 %	0.50 / 1.41	0.67 / 1.90
Automotive Wax, Polish, Sealant or Glaze (hard paste wax) (3)	2005	60-80%	69%	45%	unknown	unknown	1 / 17*	0.1%	36 %	0.23 / 0.64	0.24 / 0.66
Automotive Wax, Polish, Sealant or Glaze (instant detailers) (4)	2000	0-10%	3%	3%	47%	47%	4 / 8	50%	10 %	0.009 / 0.09	To be determined
Bug and Tar Remover	2002	0-100%	54%	40%	43%	43%	8 / 32	25%	39 %	0.09 / 0.23	0.32 / 0.81
Carpet and Upholstery Cleaner (aerosols)	2000	4-18%	7%	7%	44%	44%	8 / 34	24%	16 %	0.03 / 0.19	0.04 / 0.28
Carpet and Upholstery Cleaner (non-aerosols-dilutables) (5)	2000	0-13%	0.16%	0.1%	45%	43%	66 / 142	46%	60 %	0.12 / 0.20	0.35 / 0.59
Carpet and Upholstery Cleaner (non-aerosols-ready-to-use)	2000	0-11%	3%	2.5%	71%	71%	9 / 14	64%	31 %	0.04 / 0.13	0.05 / 0.15
Floor Wax Stripper (non-aerosols) (5)	2002	0-90%	3.5%	3%	69%	69%	55 / 108	51%	54 %	0.70 / 1.30	1.72 / 3.20
General Purpose Degreaser (aerosols) (6)	2002	10-100%	92%	50%	5%	5%	6 / 59	10%	46 %	0.24 / 0.52	0.27 / 0.59
General Purpose Degreaser (non-aerosols) (5) (6)	2000	0-100%	2.3%	10%	98%	98%	140 / 193	73%	66 %	0.63 / 0.95	1.39 / 2.10
Hair Shine	2005	0-99%	84%	55%	13%	13%	15 / 24	63%	43 %	0.17 / 0.40	0.25 / 0.59
Heavy-duty Hand Cleaner or Soap	2002	0-50%	18%	10%	58%	58%	52 / 122	43%	56 %	0.80 / 1.44	1.67 / 3.00
Second Tier	2005	0-50%	18%	5%	12%	12%	39 / 122	32%	76 %	1.09 / 1.44	2.27 / 3.00
Metal Polish/ Cleanser	2002	5-100%	8%	30%	90%	90%	89 / 113	79%	42 %	0.10 / 0.24	0.14 / 0.34
Multi-purpose Lubricant (excluding solids / semisolids)	2002	0-100%	69%	60%	11%	11%	75 / 133	56%	20 %	1.00 / 5.10	1.16 / 5.90
Second Tier	2005	0-100%	69%	45%	9%	9%	62 / 133	47%	40 %	2.03 / 5.10	2.35 / 5.90
Nonselective Terrestrial Herbicide (non-aerosols) (5)	2002	0-30%	0.5%	3%	96%	96%	33 / 42	79%	77 %	0.33 / 0.43	2.61 / 3.40
Paint Remover or Stripper	2002	0-100%	41%	65%	96%	26%	59 / 82	72%	2 %	0.02 / 0.86	0.05 / 2.00

* Includes a product that entered the marketplace after our survey was conducted.

DRAFT - FOR DISCUSSION ONLY

May 7, 1997 - Draft VOC Limits

Accounting for Minimum Dilution Ratios

Product Category Name	Reported in ARB 1994/1995 Mid-term Measures Survey										Adjusted for Market Coverage
	Effective Date	Range of VOC Content	Sales Weighted Average VOC%	Draft VOC Limit (% by weight)	Complying Marketshare (1) (%)	Complying Marketshare (1) (No TAC's)(%)	# Complying Products/ Total # of Products	Complying Products (%)	Emission Reductions (%)	Emission Reductions / Total Emissions (tons/day)	Emission Reductions / Total Emissions (tons/day)
Second Tier	2005	0-100%	41%	50%	38%	16%	38 / 82	46%	10 %	0.09 / 0.86	0.21 / 2.00
Penetrant (excluding solids / semisolids)	2002	0-99%	58%	60%	55%	53%	44 / 100	44%	14 %	0.07 / 0.51	0.08 / 0.55
Second Tier	2005	0-99%	58%	45%	37%	34%	30 / 100	30%	27 %	0.14 / 0.51	0.15 / 0.55
Rubber and Vinyl Protectant (aerosols)	2005	0-95%	15%	10%	16%	16%	7 / 24	29%	31 %	0.11 / 0.35	0.23 / 0.74
Rubber and Vinyl Protectant (non-aerosols)	2000	0-100%	8%	3%	87%	87%	40 / 75	59%	93 %	0.54 / 0.58	0.84 / 0.90
Selective Terrestrial Herbicide (non-aerosols) (5)	2002	0-4.4%	0.05%	0.01%	26%	0.3	39 / 73	53%	80 %	0.04 / 0.05	0.48 / 0.60
Silicone-based Multi-purpose Lubricant (excluding solids / semisolids)	2005	0-100%	81%	60%	17%	17%	29 / 92	32%	34 %	0.22 / 0.64	0.25 / 0.74
Spot Remover (aerosols) (6)	2000	0-98%	32%	25%	78%	78%	10 / 30	30%	25 %	0.01 / 0.04	0.05 / 0.19
Spot Remover (non-aerosols) (5)	2000	0-100%	8%	8%	80%	80%	49 / 75	65%	67 %	0.06 / 0.09	0.21 / 0.31
Undercoating (aerosols)	2002	30-75%	50%	40%	12%	12%	9 / 32	28%	26 %	0.05 / 0.19	0.06 / 0.24
Second Tier	2005	30-75%	50%	20%	0%	0%	0 / 32	0%	58 %	0.11 / 0.19	0.14 / 0.24
Wasp and Hornet Insecticide	2005	0-97%	37%	40%	67%	67%	5 / 29	17%	40 %	0.21 / 0.53	0.25 / 0.64

First Tier Reductions 43 % 6.5 / 17.8 13.2 / 30.8

Second Tier Reductions 50 % 8.0 / 17.8 15.3 / 30.8

(1) The complying marketshare is based on our survey results (not complete marketshare).

(2) Market coverage adjustments are still being modified following the incorporation of the new surveys

(3) Products in this category are under determination for category assignment

(4) This preliminary draft VOC limit is intended to cap the emissions from this category, not reduce them

(5) The VOC content and the complying marketshare account for the minimum recommended dilution ratio as stated in the usage instructions.

(6) All of the TCA reported has been replaced with VOC's and is reflected in the numbers in the table

* Includes a product that entered the marketplace after our survey was conducted.